Author's Index

A
Abbas, S.K. 264
Abd El Azeem, A. 484
Abe, K. 566
Acquafredda, A. 570
Adachi, T. 566
Adamafio, N.A. 391
Adamo, M. 411
Agrusta, M. 701
Aida, K. 722
Aina, E. 71
Aizawa, T. 235
Akikawa, K. 506
Akuffo, V. 252
Alario, P. 336
Alberti, K.G.M.M. 645
d'Amato, L. 656
Ambrosi, B. 70
Ambrosi, F. 44
Ammermann, S. 445
Ammon, H.P.T. 770
Andersen, L.C. 20
Ando, S. 96
Andreassen, T.T. 490
Angielski, S. 77
Aouani, A. 91
Aquila, S. 96
Ardaillou, R. 592
Arlot, S. 67, 720
Armario, A. 530
Arnqvist, H.J. 730
Atomi, Y. 609
Azhar, S. 559

B
Baba, S. 61, 141, 654
Bacciottini, F. 648
Bagby, G.J. 551
Baldermann, H. 502
Baldini, A. 450
Baldo-Enzi, G. 587
Ballotti, R. 436
Bannasch, P. 128
Bartalena, L. 293
Basbaum, C.B. 661
Basdevant, A. 66
Baulieu, J.L. 773
Beck, B. 24
Becker, K.L. 254
Becker, P.J. 571
Béliveau, L. 546
Bell, G. 1
Bell, G.I. 430
Bennet, M. 773
Bentata-Pessayre, M. 773
Beraldi, E. 96
Beranek, P.A. 713
Berault, J.L. 765
Bergenfeldt, M. 274
Bergh, C.-H. 381
Berke, B. 49
Bernardi, M. 532
Bernasconi, S. 348, 648
Bernhard, W.N. 239
Bettendorf, G. 243
Betterle, C. 376
Bjorenson, J.E. 32
Blackstone, C.D. 430
Blakesley, H.L. 551
Blech, W. 138
Bloom, S.R. 168, 668
Blum, J.W. 738
Bobal, Mary Alice 579
Boine, L. 186
Bokser, L. 57
Boscherini, B. 450
Bosquet, F. 592
Boudet, J. 734
Bouissou, P. 517
Boveris, A. 86
Brabencova, Dagmar 63
Braendle, W. 243
Bregengard, C. 352
Brenner, G.M. 597
Brenner, K.V. 204
Bretzel, R.G. 537
Brisson, G. 546
Brocchi, A. 126
Brömme, H.J. 138
Brun, J.F. 307
Bruno, A. 186
Brzezinska, Zofia 620
Buratti, L. 293
Burrin, Jacky M. 168
Burton, G. 86
Busnardo, B. 313
Buydens, P. 687

C
Callaghan Rose, Mary 601
Calmettes, C. 773
Camaioni, A. 450
Camargo, R.S. 510
Camellini, L. 457
Cameron, C.M. 391
Cancela, L. 339
Canonaco, M. 96
Capoa, A. de 450
Cappelli, G. 126
Care, A.D. 264
Caretto, A. 376
Caro, J.F. 327
Carraro, R. 587
Casanueva, F.F. 57
Casis, L. 776
Casti, A. 648
Cathelineau, G. 765
Cavallo-Perin, P. 186
Cecchin, F. 327
Champredon, C. 71
Chan, Eng-Cheng 612
Chan, S.J. 430, 443
Chang, D. 344
Chapman, G.E. 278
Charpentier, G. 773
Chaudhary, K.C. 624
Chayvialle, J.A. 773
Chazenbalk, G.D. 86
Chen, C.-R. 595
Chen, Y.-D.I. 11, 633
Chiba, T. 641
Chihara, K. 641
Chilvers, E. 168
Chiodera, P. 656
Chiou, Y.-A.M. 11
Cianfaranti, S. 450
Ciotti, Giuseppina 118
Cobelli, C. 186
Cohen, L.A. 49
Cohen, R. 773
Coiro, V. 656
Colombo, P. 70
Cominacini, L. 587
Conforto, G. 40
Conlon, J.M. 406
Clement, J. 723
Clementi, G. 40
Coppola, L. 306
Costello, L.C. 252
Coutarel, P. 592
Cozzolino, D. 306
Creutzfeldt, W. 184
Crozier, T.A. 352
Cuezva, J.M. 525
Culler, F.L. 107
Cuneo, R.C. 115
Czekalski, S. 592

D
Dahlkvist, H.H. 730
Dall'Antonia Jr., R.P. 510
Damgaard, U. 476
Davoli, C. 656
De, S. 213
Debras, E. 71
Debussche, X. 720
Decuypere, E. 158, 484
Defer, G. 517
Degenhart, H.J. 28
Deidier, A. 773
De La Riva, C.F. 189
Dellacha, J.M. 15
Demoulin, A. 193
De Palma, Rossana 532
Dessì-Fulgheri, F. 96
Dettler, T. 128
Devesa, J. 57
Diani, A.R. 668
Dietze, G. 502, 535
Digito, M. 587
Dimitriades, Eva 150
Ditschuneit, H.H. 727
Djordjevic, P. 250
Dodi, G. 587
Dohi, T. 671
Donnadieu, M. 570
D'Onofrio, F. 658
Dorin, R.I. 225
Doris, P.A. 163
Dotti, C. 457
Drobnik, L. 352
Duckworth, W.C. 579
Duffy, Jane 637
Dunlop, Marjorie 150
Dussaule, J.C. 592

E
Eberwine, J.H. 225
Echevarria, E. 776
Eichinger, H. 738
Elkeles, R.S. 182
Enzi, G. 587
Enzmann, H. 128
Eskildsen, P.C. 755
Espiner, E.A. 115
Estilow, S. 555

F
Facchinetti, F. 348
Faglia, G. 70
Falcone, M. 293
Falconer, J. 612
Falkmer, S. 406
Farah, C.S. 510
Fayet, G. 91
Fedeli, L. 44
Federlin, K. 445, 537
Feher, M.D. 182
Felli, M.P. 450
Felt, V. 375
Fiet, J. 517, 765
Fink, E. 535
Finkbeiner, W.E. 661
Finné, E. 687
Fiore, C.E. 40
Fiorenza, L. 772
Földes, O. 218
Folli, F. 327
Foresta, C. 313, 376
Forman, L.J. 555
Foss, M.C. 230
Foti, R. 40
Franchimont, P. 193
Frankel, Barbara J. 63, 121
Franklin, R.B. 252
Freinkel, N. 463
Friedl, K.E. 239
Frigeri, L.G. 107
Fuchs, J. 421
Füessl, H.S. 168
Fujii, T. 37
Fujii, Y. 599
Fujimaki, M. 387
Fujio, N. 705
Fujita, T. 145, 641
Fukasawa, H. 387
Fukata, S. 761

G
Gabbrielli, G. 126
Galen, F.X. 517
Gamallo, A. 336
Gammeltoft, S. 436
Gamstedt, A. 54
Gandarias, J.M. 82, 776
Garvey, J.S. 530
Gasbarrini, G. 532
Gaudiero, G.J. 57
Gelmini, G. 656
Genazzani, A.R. 348
George, J.C. 271
Gerritsen, G.C. 668
Geyer, G. 570
Ghatei, M.A. 668
Giammartino, C. 44
Giannella-Neto, D. 175
Gianotti, M. 208
Gil, J. 749
Gillman, M.A. 751
Gimenez, T. 494
Giralt, M. 530
Girasole, G. 118
Giugliano, D. 306
Giunta, R. 306
Glaser, B. 288
Gnudi, A. 457
Golay, A. 11
Gold, E. 743
Golstein, J. 687
Gompels, M.M.A. 713

Goria, M. 186
Gofski, J. 527
Goulding, A. 734
Grant, A.M. 682
Grasso, L. 293
Grimaldi, A. 592
Grimes, L.W. 494
Grizard, J. 71
Gschwendtová, K. 218
Guarneri, G. 648
Gubler, H.U. 630
Guerri, C. 267
Gueux, B. 765
Guezennec, C.Y. 517
Guliana, J.M. 773
Gunn, J.M. 698
Gurtler, V. 150
Guy-Grand, B. 66

H
Hager, T. 630
Hahn, H.J. 138
Haji, M. 187
Harris, R.A. 317
Hart, C. 411
Hasegawa, J. 130
Hasegawa, Y. 235
Hata, F. 654
Hatanaka, H. 654
Hatanaka, I. 717
Hatayama, T. 481
Hatta, H. 609
Hausdorf, S. 723
Hawthorne, Gillian C. 645
Henricks, D.M. 494
Hering, B.J. 537
Hidalgo, J. 530
Higuchi, K. 360
Hintz, R.L. 344
Hirai, S. 130
Hiramatsu, M. 718
Hirayama, C. 302
Hirota, M. 123
Hirota, Y. 761
Hjalmarson, Å. 381
Ho, Helen Y.M. 559
Hoffman, A.R. 225
Hollenbeck, C.B. 633
Honda, M. 247
Hooff, C.O.M. van 367
Hoover, J.L.B. 494
Horký, K. 709
Hosojima, H. 378
Hossner, K.L. 698
Hotta, N. 387
Houpt, K.A. 189
Hovsépian, S. 91
Huijmans, J.G.M. 28
Hultberg, B. 274
Hunt, Johanna S. 637
Hwang, D.L. 595

I
Iazigi, N. 230
Ibayashi, H. 187, 360, 705
Ikeda, H. 145
Ikeda, T. 247
Imase, M. 221
Inoue, S. 37
Inoue, T. 61
Inui, A. 61
Iovino, M. 68, 701, 772
Iqbal, A. 158, 484
Irazusta, J. 776
Isaksson, A. 274
Ishihara, M. 235
Ishii, T. 481
Ishizaki, H. 426
Ito, I. 248
Iughetti, L. 348
Iwasa, Y. 722
Iyer, R.S. 579

J
Jacobsson, B. 381
James, Vivian H.T. 713
Jansson, L. 311
Jaspers, S.R. 125
Jeng, C.Y. 633
Jenkins, A.B. 528
Jerkins, Terri 579
Job, J.C. 570
John, T.M. 271
Jones, K.L. 107
Jørgensen, P.H. 490

K
Kabadi, U.M. 513
Kaboor, M. 584
Kaciuba-Uscilko, Hanna 620
Kadowaki, S. 641
Kagawa, S. 652
Kågedal, B. 54
Kakuta, H. 387
Kamei, M. 378
Kamoi, K. 235
Kanatsuka, A. 257
Kaneko, K. 235
Kashimata, M. 718
Kato, K. 187, 360, 705
Katsumata, K. 65, 309
Katsumata, Y. 65, 309
Katzeff, I. 571
Kaufmann, S. 107
Kawamura, K. 671
Kawasaki, H. 302
Kay, J.D.S. 333
Keck, F.S. 110
Keller, N. 131
Kendereski, A. 250
Kendrick, K.M. 189
Kerp, L. 171
Kettler, D. 352
Kigoshi, T. 378
Kikkawa, R. 717
Kimura, M. 387
Kinalska, I. 527
Kinugawa, T. 130
Kirkegaard, C. 352, 755
Kishida, S. 599
Kitamura, Y. 654
Kobayashi, N. 761
Kodama, H. 641
Koh, H. 282
Koh, N. 387
Koizumi, Y. 235
Koo, S.I. 597
Kortleve, D.J. 28
Kostyo, J.L. 391
Kotake, H. 130
Kowalski, Aline 436
Kratzik, Ch. 522
Krawiec, L. 86
Kruk, Barbara 620
Kruse, A. 755
Kühn, E.R. 158, 484
Kühn, M. 770
Kuma, K. 761
Kumagai, L.F. 761
Kunjara, Sirilaksana 676
Kuroume, T. 758
Kurz, R. 570
Kuzali, D.A.S. 693
Kuzmits, R. 522
Kynebanyan, Marie-France 395

L
Lachmanová, J. 709
Lacort, M. 82
Lacour, B. 734
Lalau, J.D. 67, 720
Lang, C.H. 551
Lang, Irene 570
Langer, P. 218
Larkins, R.G. 150
Laube, H. 445
Laurberg, P. 261
Laureaux, C. 765
Lerario, A.C. 133
LeRoith, D. 404, 411
Lesniak, Maxine A. 411
Levacher, Christine 395
Lev-Ran, A. 595
Liberman, B. 175
Lichtenberg, V. 243
Lima, L. 57
Lindner, Ch. 243
Liu, F. 344
Lo, Y.M. 323
Loh, T.T. 616
Lombardi, G. 701
Loos, U. 110, 723, 727
Lo Russo, D. 126
Lo Sapio, P. 126
Lourdel, C. 67
Lovelock, Margaret 612
Luis, A.M. 525
Lunell, N.O. 498
Luysterborgh, D. 158
Ly, S.Y. 103, 339

M
Macchione, M. 175
Madrala, A. 77
Maeda, Y. 654
Maestri, E. 457
Maier, V. 421, 727
Maj, M. 68, 772
Makino, H. 257
Malaisse, W.J. 317
Malatesta, R. 532
Man, S.Y. 323
Manca Bitti, M.L. 450
Manojlovic, D. 250
Mantovani, Maura 118
Marcellini, C. 348
Marchesi, M. 457
Marchini, C. 327
Martino, E. 293
Mashiba, H. 130, 247
Mathieson, J. 765
Matozaki, T. 141
Matsubara, M. 248, 506
Matsubayashi, S. 705, 761
Matsumae, H. 387
Matsumoto, S. 654
Matsuo, H. 705
Matsuoka, A. 652
Matsuoka, T. 248
Max, J.P. 24
McLean, Patricia 676
Mead, J. 555
Medda, A.K. 213
Meguro, K. 145
Mehnert, H. 502, 535
Mendonca, B.B. 175
Mesmacque, A. 720
Mezger, M. 421
Michels, H. 484
Michielsen, R. 158
Micic, D. 250
Micic, J. 250
Minami, N. 718
Mioni, R. 313, 376
Mitani, Y. 566
Miyabo, S. 599
Miyao, K. 65
Miyauchi, E. 378
Modigliani, E. 773
Mohan, V. 693, 746
Mohr, L.C. 239
Mokuda, O. 247
Monteleone, P. 68, 701, 772
Moore, C.F. 254
Morabito, F. 70
Moreira, A.C. 230
Morimoto, S. 378
Morioka, H. 61
Morita, K. 671
Moynier, I. 307
Murakami, M. 235
Murakami, T. 460
Murayama, M. 718
Murrieta, D. 570
Muzzetto, P. 656

N
Nagai, K. 37
Nagao, M. 141
Nagashima, K. 758
Naghmi, R. 584
Nakada, K. 599
Nakagawa, H. 37
Nakagawa, K. 248, 506
Nakagawa, T. 761
Nambu, S. 282
Namiot, Z. 527
Nava, M.P. 336
Navascuès, I. 749
Nawata, H. 187, 360, 705
Nazar, Krystyna 620
Nery, M. 175
Nesovic, M. 250
Newell, D.C. 225
Nicholls, M.G. 115
Nicoletti, I. 44
Nielsen, F.C. 436
Nijjar, M.S. 624
Niort, G. 186
Nissen, S. 154
Noji, T. 758
Nylen, E.S. 254

O
Ochoa, B. 82
Ogata, H. 235
Ohashi, M. 705
Ohboshi, C. 123
Ohlhauser, D. 128
Oimomi, M. 654
Okajima, F. 460
Okamoto, H. 671
Okimura, Y. 641
Onaya, T. 722
Orio, F. 701
Orlandi, N. 656

Orlandini, G. 648
Ormandy, C.J. 278
Orsetti, A. 307
Ostaszewski, P. 154
Owens, P.C. 612
Oya, M. 61

P
Pablo, Flora de 411
Pacchiarotti, A. 293
Pacini, G. 186
Pagano, G. 186
Pagliacci, M.C. 44
Palou, A. 208
Palummeri, E. 118
Panno, M.L. 96
Paolisso, G. 658
Parrott, R.F. 189
Pascau, C. 749
Passeri, M. 656
Paunovic, V.R. 250
Paxton, R. 317
Pedrazzoni, M. 118
Pelicci, G. 44
Pérez-Fernández, R. 57
Péronnet, F. 546
Perrelet, R. 630
Perret, G. 773
Persson, B. 498
Pesquies, P.C. 517
Petersen, K.-G. 171
Petersson, B. 311
Petraglia, F. 348
Pfeiffer, E.F. 403, 421, 726, 727
Pfeifle, Beate 421
Picon, Luc 395
Pienta, K. 288
Pinchera, A. 293
Pioli, G. 118
Pisarev, M.A. 86
Plymate, S.R. 239
Popovic, V. 250
Portolés, M. 267
Pozo, E. del 630
Prato, A. 40
Premachandra, B.N. 513
Pschera, H. 498
Puntarulo, Susana A. 86

Q
Quichaud, J. 67, 720
Quock, R.M. 32

R
Raison, J. 66
Ramachandran, A. 693, 746
Ramirez, M. 776
Ravenna, L. 450
Ray, A.K. 213
Reali, N. 648
Reaven, Eve 559
Reaven, G.M. 11, 559, 633, 726
Rebut-Bonneton, C. 103, 339
Reed, M.J. 713
Reinecke, M. 406
Rett, K. 502, 535
Reynolds, Jane 637
Richmond, W. 182
Roca, P. 208
Roeder, R.A. 698
Roger, P. 773
Romaldini, J.H. 510
Rose, D.P. 49
Rossi, G. 457
Rossi, G.P. 457
Roth, J. 404, 411
Roth, K.A. 225
Roullet, J.B. 734
Ruiz, M.B. 82
Ruszniewsky, P. 773

S
Sabadini, G. 656
Saccomanno, F. 306
Saito, H. 725
Saito, T. 725
Saito, Tokuko 637
Saitoh, M. 130
Sakamoto, C. 141
Sakamoto, K. 652
Sakamoto, N. 387
Sakatani, N. 61
Sanchis, R. 267
Sartorio, A. 70
Sasaki, S. 481
Sasser, R.G. 698
Sato, A. 718
Sato, M. 123
Sauvanet, J.P. 67
Sawada, T. 100
Scacchi, G.E. 15
Scandellari, C. 313, 376
Scanelli, G. 313
Scanes, C.G. 271
Schatz, H. 445
Schimpff, R.M. 570
Schneider, R. 484
Schwartz, K. 633
Schwartz, K.E. 637
Schwiegelshohn, B. 502
Scire, G. 450
Seegan, G. 344
Seino, S. 430
Selawry, H.P. 562
Senen, Diana 749
Sener, A. 317
Serrano-Rios, M. 749
Sevelius, Hilli 637
Sever, P.S. 182
Sgambato, S. 658
Shankar, Talla P. 579
Shaw, Margaret 150
Shemer, J. 411
Sheriff, D.S. 691
Shi, M.-Z. 11
Shigemasa, C. 566
Shigeta, Y. 717
Shima, K. 123
Shimano, S. 758
Shinohara, S. 609
Siama-Mourot, C. 773
Siegel, E.G. 184
Šimečková, A. 120
Sinha, M.K. 327
Sjögren, K.-G. 381
Sjunghall, S. 121
Skowroński, R. 77
Smith, R. 612
Snehalatha, C. 746
Snel, L. 476
Snider, R.H. 254
Sobolewski, K. 527
Sochor, Milena 676
Soldi, M.E. 648
Solomon, S.S. 579
Sonobe, M. 717
Sonobe, M. 717
Sornet, C. 71
Spadoni, G.L. 450
Spencer, E.M. 175
Spitzer, J.J. 551
Šrámková, J. 709
Stafforst, D. 352
Stasiewicz, J. 527
Steardo, L. 68, 701, 772
Steiner, D.F. 430, 443
Steiner, P. 421
Storlien, L.H. 528
Storm, T. 131
Strazzulla, G. 126
Stryjek-Kaminska, D. 727
Sugiyama, Y. 145
Surus, A.S. 278
Susani, E. 571
Susheela, L. 693
Sutherland, R.L. 278
Suzuki, A. 426
Suzuki, T. 257
Swislocki, A.L.M. 633
Sykulski, R. 131
Szałaj, W. 527
Sztalryd, Carole 395

T
Tabuteau, F. 765
Takahashi, Y. 248
Takaichi, Y. 761
Takamura, Y. 37
Takao, F. 652
Takebe, K. 453
Takeda, S. 248
Taketomi, S. 145
Takeuchi, T. 247
Taktak, Y.S. 682
Tamai, H. 705, 761
Tang, F. 323, 616
Tawada, H. 145
Taylor, W.M. 528
Taniguchi, S. 566
Tegler, L. 54
Teh, L.-C. 278
Templ, H. 522
Terada, M. 717
Teranishi, M. 599
Tesauro, P. 658
Thamsborg, G. 131
Thijssen, J.H.H. 367
Thorndyke, M.C. 406
Tischler, M.E. 125
Tolani, M. 720
Tominaga, M. 247
Torella, R. 306
Torrens, D. 182
Tragl, K.H. 570
Trevisani, F. 532
Trudeau, F. 546
Tschollar, W. 535
Tsujimoto, A. 671
Turyn, D. 15

U
Uchida, K. 378
Ueda, K. 718
Ueda, Y. 566
Uemasu, J. 302
Ui, M. 460
Urabe, K. 566

V
Valcarce, C. 525
Valcke, J.C. 193
Valenti, A. 96
Valsecchi, Renata M. 86
Van den Brande, J.L. 367
van der Walt, B.J. 298
Vanhaelst, L. 687
Van Obberghen, E. 436
Van Zyl, J.M. 298
Varricchio, M. 658
Vasilenko, P. 555
Vassy, R. 773
Velkeniers, B. 687
Ventadour, P. 66
Verissimo, J.M.T. 230
Vermaak, W.J.H. 571
Verspohl, E.J. 770
Vettor, R. 313
Vexiau, P. 765
Vexiau-Robert, D. 765
Vijay Kumar, G. 746
Villanúa, M.A. 336
Vinik, A. 1
Vinik, A.I. 288
Viswanathan, M. 271, 693, 746
Volpi, R. 656

W
Wajchenberg, B.L. 133, 175
Waki, M. 282
Wald, Miriam R. 15
Waldbillig, R. 411
Wark, J. 150
Watanobe, H. 364, 453
Werner, R.S. 510
Westeel, P.F. 720
Westhof, G. 243
Whittaker, J. 430
Whittington, K.B. 562
Wicklmayr, M. 502, 535
Widimský, J. 709
Wiederhold, K.H. 630
Williams, G. 168, 668
Wit, J.M. 367
Wolff, H.P.O. 204
Wong, T.M. 616

Y
Yagi, H. 758
Yamada, S. 609
Yamada, T. 235
Yamaguchi, M. 221
Yamamoto, I. 378
Yamamoto, Y. 609
Yamashita, M. 717
Yamazaki, M. 599
Yanase, T. 187
Yandle, T.G. 115
Yasuda, H. 717
Yoshida, A. 566
Yoshida, I. 378
Yoshida, S. 257
Yoshioka, M. 453
Yukioka, M. 481
Yunoki, H. 758

Z
Zabłocki, M. 527
Zamrazil, V. 120
Zaro, B. 637
Zech, L. 11
Žofková, I. 120
Zoghlin, G. 288
Zurlo, F. 587

Subject Index

A
Acetylsalicylate, Urea Synthesis 333
Acid Secretion, Tolbutamide 641
Acromegaly, Pituitary-Thyroid Axis 755
– Sodium Valproate 701
– Transferrin 506
– and Headache, Somatostatin Analogue (Octreoide) 250
ACTH, Ectopic Cushing's Syndrome 225
– Nitrous Oxide 751
– Administration, Blood Pressure 336
– Syndrome, Ectopic, Grawitz Tumor 453
AD-4610, Insulin Secretion 145
Addison's Disease, Nalaxone Infusion 230
Adenoma, Autonomous, Thyroid 510
Adenylate Cyclase, Endocrine Control 624
– – Muscarinic Receptor 150
Adipocytes, Insulin Receptors 77
Adipose Tissue, Fatty Acid Incorporation 24
– – Lipogenesis 395
– – Lipoprotein Lipase Activity 587
Adrenal Glands, Lactogenic Receptors 278
Adrenergic Agonists, Protein Synthesis 20
– Tone, Obesity 248
Adrenocorticotrophic Hormone, Hypoxia 517
Adrenocorticotropin, Pizotifen 457
Adult Rats, Testicular Lipids 691
Aerobic Oxidation of NADH, Thyroxine 298
Age, GNRH-Stimulated GH-Secretion 570
– Lipogenesis 395
Aging, Calcitonin Levels 118
– Wistar Rats, Serum Lipids 734
Airway Secretion, Cell Analysis 661
Alcohol Exposure, Postnatal, Thyroid Function 267
– – Prenatal, Thyroid Function 267
Aldose Reductase Inhibitor (ONO-2235), Myo-Inositol Uptake 387
Aldosterone, Hypothyroidism 720
– (Plasma), Metoclopramide 532
– Secretion, Serotonin 457
Allotransplantation, Islet 537
Alloxan, Dopamine Receptors, Hypothermia 32
– Mice 595
Alpha Atrial Natriuretic Peptide, Anterior Pituitary Hormones Secretion 313
17-Alpha-Hydroxyprogesterone, Multiple Stressors 239
Amino Acid Uptake by Rat Muscles, Insulin Effect 125
Aminopeptidase, Estrous Cycle of Rat 776
Amniotic Fluid, Diabetic Pregnancy 498
Analgesic Nitrous Oxide 751
Androgen Plasma Levels, Orchiectomy in Rats 96
Angiotensin Converting Enzyme Activity, Plasma, Hypoxia 517
– – – Anorexia Nervosa 761
Animal Models, Diabetic Embryopathy 463
Anorexia Nervosa, Adrenal Androgen Secretion 57
– – Angiotensin-Converting Enzyme 761
– – Atrial Natriuretic Polypeptide 705
Anterior Pituitary Cells, Human, Atrial Natriuretic Peptide 376
Anti-Allergic Drug, Triiodothyronine Release 722
Anti-ENA Antibody, Etiocholanolone Fever 354
Anti-DNA Antibody, Hyperthyroidism 235
Anti-Insulin Receptor Antibody, Phosphodiesterase 257
Antibiotic Treatment, Oestrone Sulphate 713
Aorta, Diabetic Rats 671
– Rat, Glucose Oxidation 730
Apis Mellifica, Evolution of Insulin 421
Apomorphine, Hypothermia 32
Apoproteins, Cyproterone Acetate Treatment 765
Aromatase Activity, Follicle Maturation 193
– Microsomal, Choriocarcinoma 522
Arteriosclerosis, Diabetic Rats 671
Arthritis in Rats, Bone Density 630
Artificial Pancreas, somatostatin Analog 751
Atrial Natriuretic Factor, Exercise 131
– – Peptide, Anterior Pituitary Cells, Human 376
– – – Chronic Renal Failure 709
– – – Diabetes Mellitus 592
– – – Exercise 115
– – – RIN m5F Cell Receptor 770
– – Polypeptide, Anorexia Nervosa 705
– – – Cushing's Syndrome 360
Autoimmune Response, Insulin Molecule 1
Autonomous Adenoma, Cyclic AMP 510
Autotransplantation, Islets 537

B
Basement Membrane Thickening, Diabetes 676
Beta Cell, Pyridine Nucleotides 559
– – Sensitivity in NIDD, β-Endorphin Infusion 306
– -Endorphin, Stress in Diabetic Rats 555
17 Beta Oestradiol, Metabolic Effects 765
β_2-Stimulation, Glucose Intolerance 171
Bile, Thyroxine Metabolism 218
– Calcium Excretion, Calcitonin 221
Binding Affinity, Insulin, Diabetes 693
Bioactive LH, Multiple Stressors 239
Bioassay, Lactogenic Hormone 49
Biological Activity, Pancreatic Hormones 445
Birth Defects, Diabetic Pregnancy 463
Blood Glucose, Exercise 546
– – Furosine Level in Hair 654
– Pressure, Chronic Stress 336
– – NE and PTH Infusion 163
– Values, Homing Flight 271
Body Weight, Rats, Cafeteria Diet 208
Bombyxin, Insulin-Family Peptides 426
Bombyx mori, Insulin-Family Peptides 426
Bone Density in Rats, Life Cycle 630
– Formation, Osteoporosis 734
– Mineral Content, Hyperprolactinemia 40
– Resorption, Calcium Antagonist 103
– – Sodium Chloride 734
Brain Development, Insulin-Like Growth Factor Receptors 436
– Growth, Growth Factors 436
– Rat, Aminopeptidase 776
– Tumor, Insulin-Like Growth Factor Receptors 435
Branched-Chain α-Ketoacid Dehydrogenase, Isolated Pancreatic Islets 317
Breast Disease, Lactogenic Hormone 49
Bretylium, Sympatho-Endocrine Response 546

C
^{45}Ca Efflux, Calcium Antagonist 103
– Kinetics, Osteosarcoma Cells 339
– Uptake 743
Cafeteria Diet, Body Weight, Rats 208
Calcitonin, Bile Calcium Excretion 221
– Levels, Aging 118
– Radiolabelled, HPLC Separation 254
– Secretion, Porcine Thyroid Gland 264
Calcium, Insulin-Stimulated Protein Synthesis 20
– Thyroidal C-Cells 261
– Antagonist, Bone Resorption 103
– Influx, Diabetes 381
– Intake, Blood Pressure 163
Calmodulin, Calcitonin Secretion 264
Caloric Intake, Serum Lipids 734
cAMP, Protein Synthesis 20
Carbohydrate Stores, Exercise 546
S-Carboxymethylated Human Growth Hormone, Insulin Resistance 391
Carps, Glucose Metabolism, Seasonal Variations 727
Catecholamines, Endotoxin Shock 551
– Exercise 738
– Metallothionein Synthesis 530
– Perioperative Stress 352
Catecholamine Contents, Psychological Stress 189
Cell Membrane, Steroid Uptake 28
Cellulose Sponges, Growth Hormone 490
Central Negative Feedback Mechanism 282
Chicken, Peripheral Activities of TRH and TSH 158
Chinese Hamster, Hypothalamic Secretion 668
α-Chloroisocaproate, Insulin Release 317
Cholera Toxin, Calcitonin Secretion 261
Cholesterol, Aging 734
– Insulin Deficiency, Rabbits 11
– Total, Cyproterone Acetate Treatment 765
– Esterase, Hormonal Control 82
– – Activity, Rat Adipocytes 66
Cholinergic Agonists, Protein Synthesis 20
Choriocarcinoma, Microsomal Aromatase Activity 522
Chronic Renal Failure, Atrial Natriuretic Peptide 709
– Stress, Blood Pressure 336
Cirrhosis, Glucose Clamp 579
Citrate Production, Testosterone 252
Citrulline Synthesis, Salicylate 333
Clonidine, B-Endorphin Response in Obesity 248
Cold Exposure, Thyroid Hormones 616
Collagen Deposition, Growth Hormone 490
– Disease, Etiocholanolone Fever 354
Comparative Endocrinology of the Insulin Family: A Minisymposium 401
Cooling, TRH Sensitivity 484
Copper, Estradiol Treatment 597
Corticosteroids, Multiple Stressors 239
Corticosterone, Chronic Stress 336
Cortisol, Nitrous Oxide 571
– Perioperative Stress 352
– Pizotifen 457
– Plasma, Haemorrhage 612
– Response, Menstrual Cycle 68
Cortisone, Free Thyroid Hormones 54
C-Peptide, Diabetic Pregnancy 498
– Genetic Variant 476
– Pharmacokinetics 445
– Postprandial, Prostaglandin 637

C-Peptide Response, Myxedema 375
CPT I Inhibitor, Glucose Turnover 204
CR 1409, Pancreatic Hormone Release 61
C-Reactive Protein, Acute Phase Response 682
Creatine Phosphate, Thyroid Hormones 620
Cushing's Disease, Nalaxone Infusion 230
– – Osteocalcin Levels 70
– Syndrome, Atrial Natriuretic Polypeptide 360
– – Proopiomelanocortin 225
Cyclic AMP, Adipose Tissue 24
– – Autonomous Adenoma 510
– – Thyroidal C-Cells 261
Cycloheximide, Insulin Resistance 391
Cyclooxygenase Inhibitor, Catecholamines 551
Cyproterone Acetate, Metabolic Effects 765
Cystic Fibrosis, Mucous Glycoprotein 601
Cytosolic Factor, Endocrine Control 624

D
Dehydration, Atrial Natriuretic Polypeptide 705
Delayed Proestrus, Pregnane Compounds Secretion 100
Dexamethasone, mRNA of Preproenkephalin A 187
Diabetes, Arteriosclerosis 671
– Glucose Oxidation in Rat Aorta 730
– Hypothalamus 668
– Pancreatic Polypeptide Response 288
– Alloxan-Induced, LDL Catabolism, Rabbits 11
– Experimental, Beta-Endorphin 555
– – Dopamine Receptors 32
– – Nicardipine 309
– – Phosphatidylinositol Turnover 281
– – Rodents 463
– – Sialidase Activity 718
– – Verapamil 65
– Fibrocalculous Pancreatic, Insulin Resistance 746
– Mellitus, Atrial Natriuretic Peptide 592
– – Cirrhosis 579
– – Somatostatin Analog 749
– – NID, Effect of Enprostil 633
– – Type I, Metabolic Substrates in Gastric Mucosa 527
– Non-Insulin Dependent, Somatostatin Analogue 168
– Transmitted, Subdiabetogenic Doses of Alloxan 595
– Tropical, Insulin Resistance 746
Diabetic Ketoacidosis, Severe Insulin Resistance 584
– Neuropathy, Methylcobalamin Treatment 717
– Pregnancy, Amniotic Fluid 498
Dibutyryl Cyclic AMP, Cholesterol Ester Hydrolysis 82
Diet, Serum Lipids 734
Digitalis-Like Substance, Endogenous, Chronic Renal Failure 709
1,25-Dihydroxycholecalciferol, ^{45}Ca Kinetics 339
Direct Assay, Oestrone Sulphate 713
Domperidone, Pituitary Response 44
Dopamine, Pituitary Response 44
– Receptors, Experimental Diabetes 32
– -Receptor Blockade, Pituitary Response 44
Dopaminergic Activity, Anorexia Nervosa 57
Dried Blood Spots, Free Thyroid Hormones 293
Drug Toxicity, Urea Synthesis 333

E
Embryo Culture, Diabetic Rodents 463
Embryonal Carcinoma, Microsomal Aromatase Activity 522
Embryopathy, Diabetic 463
Endorphins, TSH Release 687
β-Endorphin Response, Obesity 248
β-Endorphin, Ectopic Cushing's Syndrome 225
– Infusion, Beta-Cell Sensitivity in NIDD 306
– in Pituitary, PTU-Induced Hypothyroidism 323
Endothelial Cell, Pentose Phosphate Shunt 645
Endotoxin Shock, Catecholamines 551
Enprostil, Non-Insulin-Dependent Diabetes Mellitus 633
Epinephrine, Exercise 546
Erythrocyte Receptors, Diabetes 693
– – IGF-I 570
17-β-Estradiol, Cholesterol Ester Hydrolysis 82
Estradiol, Disappearance Rates in Bulls 494
– Multiple Stressors 239
– Treatment, Copper Status 597
– – Zinc Status 597
Estrogen, Fatty Acid Oxidation 609
Estrous Cycle of Rat, Aminopeptidase 776
Ethanol, Effect on Biliary Excretion of Iodothyronines 218
Ethanol Consumption, Pancreatic Blood Circulation 311
Etiocholanolone Fever, Anti-ENA Antibody 364
Etomoxir, Glucose Turnover 204
Exercise, Atrial Natriuretic Factor 131
– Catecholamine Metabolism 738
– Fatty Acid Oxidation 609
– Plasma Renin Activity 517
– Renin-Aldosterone 115

F
Fast, Serum Lipids 734
Fasting Pigs, Glucose Turnover 204
Fat Cells, Insulin Receptor 257
– Tolerance Tests, Normolipidaemic Subjects 182
Fatty Acids, Cholesterol Ester Hydrolysis 82
– Acid Incorporation, Gastric Inhibitory Polypeptide, Insulin 24
– – Oxydation, Exercise 609
FCPD, Insulin Resistance 746
Fertilization, In Vitro, Human Follicular Fluid 243
Fibrocalculous Pancreatic Diabetes 746
– – – Insulin Binding 693
Fish Liver Malic Enzyme, Thyroid Hormone 213
Follicle Maturation, Aromatase Activity 193
Follicular Fluid, Human, Endocrine Parameters 243
– Phase, Pregnane Compound Secretion 100
Forearm Technique, Ketone Body Metabolism 502
Forskolin, Calcitonin Secretion 261
Free Fatty Acids, 20,000-Dalton Growth Hormone 107
– – – Homing Flight 271
– – – Nicotinic Acid Infusion 154
Free T_3, Graves' Disease 54
– T_4, Graves' Disease 54
– Thyroxine, Low Birth Weight Infants 758
Fructose, Glycogenolysis 528
– 2,6-Biphosphate, Diabetes 676
– -Lysin, Hair Protein, Diabetes 654
FT3 Measurement, Dried Blood Spots 293
FT4 Measurement, Dried Blood Spots 293
Furosine Level in Hair, Blood Glucose 654

G
GABA, Acromegaly 701
$GABA_B$ Receptor Sites Activation, Prolactin Response, Gonadotropin Secretion 772
Gastrectomy, Insulin Response to Arginine 247
Gastric Inhibitory Polypeptide, Fatty Acid Incorporation 24
– – – (GIP), Prostaglandin 637
Gastrin Release, Tolbutamide 641
Gene expression, 3T3-L1-Cells 723
S14 Gene Expression, Thyroid Hormones 723
Genetic Variant, Porcine Proinsulin 476
GHRH-Stimulated GH-Secretion, Age 570
– – Beta-Blockers 570
Glands, Airway Secretion 661
Glioma, Insulin-Like Growth Factor Receptors 435
Glomerular Pathology, Diabetes 676
Glucagon, Central Regulation 37
– Nicrotinic Acid Infusion 154
– Octreotide 168
– Phylogeny 406
– Evolution 430
– Exogenous, Endogenous Glucagon Secretion 123
– Infusion, Thyroid Hormone Metabolism 513
– -Like Peptide 1 Secretion, Effect of Glucagon 123
– Metabolism, Lactation in Goat 71
– Response, Obesity 656
– Treatment, Postnatal Glycogenolysis in Rat 525
Glucocorticoid Receptor, Activation 566
– – Molybdate 566
Gluconeogenesis, Endotoxin Shock 551
– Postnatal, Glucagon Treatment 525
Glucose, Diabetic Embryopathy 463
– Diabetic Pregnancy 498
– Nicotinic Acid Infusion 154
– Pentose Phosphate Shunt 645
– Clamp, Growth Hormone 579
– Dependency, AD-4610 145
– -Dependent Insulinotropic Peptide, Prostaglandin 637
– Ingestion, Noradrenaline Response 282
– Intolerance, β_2-Stimulation 171
– – Pancreatic Polypeptide Response 288
– Metabolism, Sulphonylureas 77
– – in Carps, Seasonal Variations 727
– Oxidation, Metabolism, Rat Aorta 730
Glucose-6-Phosphate, Hepatocarcinogenesis 128
– Dehydrogenase, Gossypol 691
Glucose, Plasma, Hyperthermia in Rat 481
– Postprandial, Prostaglandin 637
– Tolerance, Somatostatin Analogue 168
– – Test, Intravenous, Hypermagnesaemia 120
– Turnover, Etomoxir 204
Glutathione Peroxidase, Diabetes 671
α-Glycerophosphate Dehydrogenase Activity, Pancreatic Islets 559
Glycogen Content, Gastric Mucosa, DM Type I 527
– Phosphorylase, Central Regulation 37
– Rat, Central Regulation 37
Glycogenolysis, Fructose 528
– Thyroid Hormones 620
– Postnatal, Glucagon Treatment 525
GTPase Activity, Rat Reticulocytes 460
Guinea Pig, Hormone Evolution 430

GnRH Administration, Domperidone 44
– Effect in Obesity 648
Gonadotropins, Follicle Maturation 193
Gonadotropin Secretion, $GABA_B$ Receptor Sites Activation 772
Gossypol, Testicular Lipids 691
Granulation Tissue, Growth Hormone 490
Graves' Disease, Free Thyroid Hormones 54
Grawitz Tumor, Actopic ACTH Syndrome 453
Growth Hormone, Acromegaly 755
– – Collagen Deposition 490
– – Comparison Immunoassay/Bioassay 49
– – 20,000-Dalton, Metabolic Effects 107
– – Glucose Clamp 579
– – Homing Flight 271
– – Human, Lactogenic Receptors 278
– – Laron Dwarfism 450
– – Metabolic Effects 107
– – Releasing Factor, Effect on Cardiac Muscles 130
– – Response, Obesity 248
– – Secretion, Hyperthyroidism 67
– – Sodium Valproate 701
– – Treatment, Somatomedin Levels 175
– Deficiency, Somatomedin Levels 175
– Factor, Transferrin 506
– Factors, Brain Growth 436
– Granulation Tissue 490

H
Haemorrhage in Sheep, Cortisol, Plasma 612
Hair Protein, Diabetes 654
Halothane, VIP 352
HDL Cholesterol, Copper and Zinc Status 597
HDL Cholesterol, Cyproterone Acetate Treatment 765
Heart Rate, Exercise 738
Hemodialysis, Atrial Natriuretic Peptide 709
Hepatic Tissue, Lipogenesis 395
Hepatocarcinogenesis, Glucose-6-Phosphate 128
Hepatocytes, Isolated, Urea Synthesis 333
– Rat, Cholesterol Ester Hydrolysis 82
– Rat, Cultured, Effect of T_3 327
HLA-DR, Hyperthyroidism 235
HMG CoA Reductase, Gossypol 691
Homing Flight, Hormonal Homeostasis 271
Hormone Evolution, Guinea Pig 430
HPLC, Porcine Proinsulin 476
– Separation, Radiolabelled Hormonal Peptides 254
Hydrocortisone, Thyroglobulin Production 91
3-Hydroxybutyrate, Diabetic Pregnancy 498
18-Hydroxycorticosterone, Sodium Intake 378
24-Hydroxylase, ^{45}Ca Kinetics 339
Hydroxylated Sterol, Steroid Uptakes 28
Hydroxyproline, Urine 743
Hyperammonaemia, Salicylates 333
Hyperglycemia, Suprachiasmatic Nucleus 37
Hypermagnesaemia, Intravenous Glucose Tolerance Test 120
Hyperphagia, Chinese Hamster 668
Hyperprolactinemia, Bone Mineral Content 40
Hypertension, Sodium Intake 163
Hyperthermia, Insulin Receptor 481
Hyperthyroidism, Dried Blood Spots 293
– Free Thyroid Hormones 54
– Growth Hormone Secretion 67
– Immunologic Abnormalities 235
– in Man, Insulin Sensitivity 186
Hypoglycemic Activity, AD-4610 145
– Agent, Etomoxir 204
Hypoglycemia in IDDM, Somatostatin Analog 749
Hypoglycemia, Insulin-Induced, Obesity 656
Hypoglycaemia, Late, Insulin Resistance 584
Hypophosphatemia, Insulin Release 121
Hypopituitarism, Transferrin 506
Hypothalamus, Diabetes 668
Hypothermia, Alloxan-Treated Rats 32
– Apomorphine 32
Hypothyroidism, Aldosterone 720
– Dried Blood Spots 293
– Plasma Renin Activity 720
– PTU-Induced, Met-Enkephalin in Pituitary 323
Hypothyroxinemia, Low Birth Weight Infants 758
Hypoxia, Estradiol 239
– Plasma Renin Activity 517

I
IGF-I, Erythrocyte Receptors 570
– Receptors, Normal Children 570
– – Relationship with Age 570
IL-POMC, Anorexia Nervosa 57
Immune Privilege, Testis 562
Immunoassay, Lactogenic Hormone 49
Inhibine, Follicle Maturation 193
Insulin Action, Thyroid Hormones 327
– Autoimmune Syndrom 1
– Binding, Diabetes 693
– Biological Activity, Apis Mellifica 421
– Central Regulation 37
– 20,000-Dalton Growth Hormone 107
– Deficiency, LDL Catabolism, Rabbits 11
– Diabetic Pregnancy 498
– Effect, Amino Acid Uptake by Rat Muscles 125
– Evolution 430, 443
– – of, Apis Mellifica 421
Insulin-Family Peptides, Bombyx mori 426
Insulin, Fatty Acid Incorporation 24
– Fructose Infusion 528
– Insulin-Like Growth Factor Receptors in Brain 435
– Isolation, Apis Mellifica 421
– -Like Growth Factors, Brain Development 436
– – – – Protein Turnover 698
– – – – Radioimmunoassay 344
– – – – Receptors, Brain Development 436
– Metabolism, Lactation in Goat 71
– Nicotinic Acid Infusion 154
– Noradrenaline Response 282
– Octreotide 168
– Pentose Phosphate Shunt 645
– Pharmacokinetics 445
– Phylogeny 406
– Processing, Thyroid Hormones 327
– Postprandial, Prostaglandin 637
– Protein Synthesis 20
– Receptor Kinase, Thyroid Hormones 327
– – Phosphodiesterase 257
– Receptors, Brain 436
– – Disease States 133
– – in Resistant States 133
– – Masked, Proteolytic Enzymes 15
– – Sulphonylureas 77
– – Thyroid Hormones 327
– – Unmasking 15
Insulin-Related Material, Extrapancreatic Production 411
Insulin Release, Islet Transplantation 138
– – α-Ketoacids 317
– – Rachitic Rat Islets 63
– – Tolbutamide 641
Insulin Resistance 1
– – Cycloheximide 391
– – Severe, Diabetic Ketoacidosis 584
– – Tropical Diabetes 746
– Response to Arginine, Gastrectomy 247
– Secretion, AD-4610 145
– Sensitivity, Hyperthyroidism in Man 186
– Steroids, Diabetic Ketoacidosis 584
– Thyroglobulin Production 91
– Tolerance Test, Tropical Diabetes 746
Insulinoma Cells, RINm5F 770
Interleukin-1, Acute Phase Response 682
Intracranial Diseases, Acute, LRH in Plasma and Cerebrospinal Fluid 248
Iodoarachidonate, Thyroid Autoregulation 86
Iodoprotein, Thyroid Autoregulation 86
Ionophore A23187, Bone Resorption 103
Iron-Deficiency, Thyroid Hormones 616
Islet Allograft, Testis 562
Islets, Rachitic Rat, Insulin Release 63
Islet Transplantation, Current Status 537
– – Insulin Release 138
Isocitrate Dehydrogenase, Gossypol 691

K
α-Ketoacids, Isolated Pancreatic Islets 317
α-Ketoisocaproate, Leucine Metabolism 154
Ketone Body Metabolism, Muscle 502
Ketones, Diabetic Embryopathy 463
17-Ketosteroid Reductase, Male Pseudohermaphroditism 367
Kidney Glucose Metabolism, Diabetes 676
Kinins, Working Skeletal Muscle 535

L
Lactation in Goat, Blood Metabolism 71
Lactogenic Hormone, Comparison Immunoassay/Bioassay 49
– Receptors, Human Growth Hormone 278
Laron Dwarfism, Growth Hormone 450
LDL Catabolism, Insulin Deficiency, Rabbits 11
^{125}I-LDL Turnover, Insulin Deficiency, Rabbits 11
Leucine Oxidation, Nicotinic Acid Infusion 154
LH Response, Obesity 648
– -Secretion in Cushing's Disease, Naloxone Infusion 230
– – – M. Addison, Naloxone Infusion 230
Life Cycle in Rats, Bone Density 630
Lipid Peroxidation, Diabetes 671
Lipoatrophic Diabetes, Lipid Metabolism 587
Lipogenesis, Hepatic and Adipose Tissue 395
Lipogenesis, Thyroid Hormones 395
Lipoprotein Composition, Lipoatrophic Diabetes 587
Liver Calcium, Calcitonin 221
– Cirrhosis, Renin Release 302
– Lipogenesis 395
– Perfused, Fructose Infusion 528
– Perfusion, Islet Transplantation 138
– Rats, Lysosomal Enzymes 274
– Thyroxine Metabolism 218
Low Birth Weight Infants, Hypothyroxinemia 758
LRH in Cerebrospinal Fluid, Acute Intracranial Diseases 248
– – Plasma, Acute Intracranial Diseases 248
Lung, Exocrine Cells 661

Luteal Phase, Pregnane Compounds Secretion 100
Lysosomal Enzymes, Pregnant Rats 274

M
Male Pseudohermaphroditism, 17-Keto-steroid Reductase 367
Malic Enzyme, Experimental Diabetes 676
– – Gossypol 691
Malnutrition Related Diabetes Mellitus 746
Maternal Glycemia, Pancreatic Hormones in Neonatal Rat 652
Mechanical Strength, Growth Hormone Treatment 490
Medullary Thyroid Carcinoma, Somatostatin Analog 773
Menstrual Cycle, Cortisol Response 68
Metallothionein Synthesis, Catecholamines 530
Met-Enkephalin in Pituitary, PTU-Induced Hypothyroidism 323
2-Methoxyestriol, Radioimmunoassay 599
Methylcobalamin Treatment, Diabetic Neuropathy 717
Metoclopramide, Renin-Angiotensin System Activity 532
Microalbuminuria in Diabetes, Zinc Urinary Excretion 307
Microangiopathy in Diabetes, Atrial Natriuretic Peptide 592
Microsomal Aromatase Activity, Chorio-carcinoma 522
Mitochondria, Isolated, Citrulline Synthesis 333
Molybdate, Glucocorticoid Receptor 566
Mountaineering, Estradiol 239
MRDM, Insulin Resistance 746
α-MSH, Ectopic Cushing's Syndrome 225
r_3-MSH, Plasma, Haemorrhage 612
Mucous Glycoproteins, Cystic Fibrosis 601
Mucus, Trachea 661
Muscarinic Receptor, Adenylate Cyclase 150
Muscle Adenine Nucleotides, Thyroid Hormones 620
Muscle Cells, Protein Turnover 698
– Glycogen, Thyroid Hormones 620
– Skeletal, Kinins 535
– Vascular Smooth, Glucose Oxidation in Rat Aorta 730
Muscular Ketone Extraction, Lipid Infusion 502
Mutant Insulin 1
Myeloperoxidase, Oxydation of NADH 298
Myocardium, Phosphatidylinositol Turnover 381
Myo-Inositol Glucose, Erythrocytes 387
Myxedema, C-Peptide Rsponse 375

N
Na^+-K^+-ATPase, Chronic Renal Failure 709
Naloxone Infusson, Addison's and Cushing's Disease 230
Nervous System, Insulin-Related Material 411
Neuropeptide Y, Diabetes 668
Neurotensin, Radiolabelled, HPLC Separation 254
Nicardipine, Experimental Diabetes 309
Nitrosamine, Diabetes 595
Nitrous Oxide, Hormonal Response 571
Nodular Goitre, TSH Response to TRH 352
Noise, Blood Pressure 336
Nonesterified Fatty Acids, Effect on Biliary Excretion of Iodothyronines 218
Non-Vertebrates, Insulin-Related Material 411
Noradrenaline Response, Glucose Ingestion 282
Norepinephrine, Blood Pressure 163
– Exercise 546
Normolipidaemic Subjects, Fat Tolerance Tests 182
Nucleolus Organizers, Laron Dwarfism 450

O
Obese Hyperglycaemic (ob/ob) Mice, Kidney Metabolism 676
Obesity, B-Endorphin Response 248
– Glucagon Response 656
– Pancreatic Hormones 658
– – Polypeptide Response 288
– Rats, Cafeteria Diet 208
– Response to GnRH 648
Obituary, Professor Albert E. Renold 726
ob/ob Mouse, Insulin Resistance 391
Octreotide, Glucose Tolerance 168
17β Oestradiol, Follicle Maturation 193
Oestrone Sulphate, Direct Assay 713
Oocyte Maturation, Human Follicular Fluid 243
Opiate Receptor Blockade, Cortisol Response 68
Opiates, VIP 352
Opioid, Hormonal Response 571
Oral Glucose Tolerance Test, Cyproterone Acetate Treatment 765
Orchiectomy in Rats, Androgen Plasma Levels 96
Organogenesis, Experimental Diabetes 463
Osteocalcin Levels, Cushing's Disease 70
Osteopenia in Rats, Bone Density 630
Osteoporosis, Calcitonin Levels 118
Osteoporosis, Sodium Chloride 734
Osteosarcoma Cells, ^{45}Ca Kinetics 339
Ovarian Venous Blood, Pregnane Compounds 100
Ovariectomized Rat, Fatty Acid Oxidation 609

P
Pancreas Organ Transplantation 537
– Perfused, AD-4610 145
Pancreatic Blood Circulation, Ethanol Consumption 311
– Hormone Release, Glutaramic Acid Derivative 61
– Hormones, Exercise 546
– – in Neonatal Rat, Maternal Glycemia 652
– – – Obesity, Sparteine Sulfate 658
– Islet, Muscarinic Receptor 150
– Islets, Isolated, α-Ketoacids 317
– – Pyridine Nucleotides 559
– Polypeptide Evolution 430
– – Phylogeny 406
– – Satiety 288
– Secretagogues, Somatostatin Receptor 141
Pancreatitis, Chronic, Insulin Resistance 746
Parathyroid Hormone, Blood Pressure 163
Pentose Phosphate Pathway, Diabetes 676
– – Shunt, Endothelial Cell 645
Periodic Fever, Etiocholanolone Fever 364
Pertussis Toxin, Muscarinic Receptor 150
Pharmacokinetics, Pancreatic Hormones 445
Phenylephrine, Bile Calcium Excretion 221
Pheochromocytoma Cells, mRNA of Prepro-enkephalin A 187
Phosphate, Fructose Infusion 528
Phosphatidylinositol Turnover, Diabetes 381
Phosphodiesterase, Anti-Insulin Receptor Antibody 257
Phosphofructokinase, Diabetes 676
Phospholipids, Aging 734
Phosphorus, Islets of Langerhans 121
Phylogeny, Islet Hormones 406
Pig Thyroid Gland, Calcitonin Secretion 264
Pituitary Cell, Clonal, Muscarinic Receptor 150
– Hormone Secretion, Alpha Atrial Natriuretic Peptide 313
– – – $GABA_B$ Receptor Sites Activation 772
– Rat, PTU-Induced Hypothyroidism 323
– -Thyroid Axis, Acromegaly 755
Pizotifen, Aldosterone Secretion 457
Plasma, Rats, Lysosomal Enzymes 274
– Renin Activity, Hypothyroidism 720
– – – Hypoxia 517
Post-Heparin Lipolytic Activity, Lipo-atrophic Diabetes 587
Pregnancy, Normal and Diabetic Early 463
– Pseudohypoparathyroidism 725
Pregnane Compounds, Rat Ovaries 100
Pregnant Alcohol-Fed Rat, Thyroid Function 267
– Rat, Lysosomal Enzymes 274
PRL-17-20 Desmolase Anorexia Nervosa 57
Proestrus, Pregnane Compounds Secretion 100
Progesterone, Fatty Acid Oxydation 609
– Follicle Maturation 193
Proglumide, Pancreatic Hormone Release 61
Proinsulin, Bovine, Genetic Variant 476
– Human, Pharmacokinetics 445
– Porcine, Genetic Variant 476
Prolactin, Acromegaly 755
Prolactin, Anorexia Nervosa 57
– Comparison Immunoassay/Bioassay 49
– Dopamine-Receptor Blockade 44
– $GABA_B$ Binding Sites 772
– Nitrous Oxide 571
– Pizotifen 457
– Sodium Valproate 701
Proopiomelanocortin, Cushing's Syndrome 225
Prostaglandin E1, Renin Release 302
– Non-Insulin-Dependent Diabetes Mellitus 633
– Pancreatic Hormones 637
Protein Synthesis, Nicotinic Acid Infusion 154
– Turnover, Insulin-Like Growth Factors 698
Prothoracicotropic Hormone, Bombyx mori 426
Proteolysis, Nicotinic Acid Infusion 154
Pseudohypoparathyroidism, Pregnancy 725
Pseudopregnancy, Pregnane Compounds Secretion 100
Psychological Stress in Sheep, Catecholamine Contents 189
Pyridine Nucleotides, Pancreatic Islets 559
Pyruvate Dehydrogenase, Isolated Pancreatic Islets 317

Q
Quabain, Myo-Inositol Uptake 387

R
Rabbits, Biological Activity of Pancreatic Hormones 445
Radioimmunoassay, 2-Methoxyestriol 599

Radioimmunoassay, Somatomedin-C, IGF I 344
Rat Adipocytes, Cholesterol-Esterase Activity 66
– Islets, Collagenase-Isolated, Hormone Responsiveness 184
– – – Short-Term Maintenance in Tissue Culture 184
– Lung, Effect of Hormones 624
Red Blood Cell Insulin Receptors, Disease States 133
Renin-Aldosterone, Exercise 115
Renin Release, Liver Cirrhosis 302
Renold, Professor Albert E., Obituary 726
Respiration, Exercise 738
Reticulocytes, Rat, GTPase Activity 460
Reverse T_3, Glucagon Infusion 513
– Triiodothyronine, Autoregulation of T_4 to T_3 Conversion 110
Reye's Syndrome, Salicylates 333
RIN m5F (Rat Insulinoma) Cells, Atrial Natriuretic Peptide 770
– – – – – cGMP System 770
mRNA, Ectopic Cushing's Syndrome 225
rRNA, Laron Dwarfism 450

S
Salicylate, Urea Synthesis 333
Saline Infusion, ANP in Anorexia Nervosa 705
Season, Variations in Glucose Metabolism 727
Selenium, Diabetes 671
Serotonin, Aldosterone Secretion 457
Sex Hormone Binding Globulin, Multiple Stressors 239
Sialidase Activity in Rat Liver, Diabetes 718
Skeletal Muscle, Kinins 535
SMS 201-995 773
Sodium Chloride, Osteoporosis 734
– Intake, Blood Pressure 163
– – 18-Hydroxycorticosterone 378
– Loading, Atrial Natreiuretic Peptide 115
Solar Radiation, Estradiol 239
Somatomedin-C, Radioimmunoassay 344
Somatomedin Inhibitor(s), Diabetic Embryopathy 453
– Levels, Growth Deficiency 175
Somatomedins, Brain Development 436
Somatostatin, Acromegaly 755
– Analog, Calcitonin in Medullary Thyroid Carcinoma 773
– – Diabetes Mellitus 749
– Analogue, Glucose Tolerance 168
– – (Octreoide) Acromegaly and Headache 250
– Diabetes 668
– Phylogeny 406
– Receptor, Pancreatic Secretagogues 141
– Release, Human Thyroid 126
Somogyi Phenomenon 171
Sparteine Sulfate, Pancreatic Hormones in Obesity 658
Spermidine Response, Obesity 648
Spermine Response, Obesity 648
Starvation, Rats, Cafeteria Diet 208
Steroid Hormones, Pregnant Rat 274
– Uptake, Hydroxylated Sterol 28
Steroids, Steroid Uptake 28
Stress, Environmental, Estradiol 239
– in Diabetic Rats, Beta-Endorphin 555
Subdiabetogenic Doses of Alloxan, Epigenetic Defects 595
Submandibular Gland, Protein Synthesis 20
Submaxillary Gland, Insulin Receptors 15
Sulphonylureas, Glucose Metabolism 77
Suprachiasmatic Nucleus, Electrical Stimulation 37
Surgical Stress, VIP 352

T
T_3 Action in Fish, Hepatic Malic Enzyme 213
– Induction of Malic Enzyme, Action in Fish 213
3T3-L1-Cells, S14 Gene Expression 723
T3 Level, Alcohol Exposure 267
T_3 Level, Iron Deficiency 616
T4 Level, Alcohol Exposure 267
T_4 Level, Iron Deficiency 616
– Monodeiodination, TRH and TSH Injections 158
Teratogenesis, Fuel-Mediated 463
Testicular Lipids, Gossypol 691
Testis, Islet Allograft 562
Testosterone, Disappearance Rates in Bulls 494
– Multiple Stressors 239
– Net Citrate Production 252
Thyroglobulin Production, Multihormonal Regulation 91
Thyroid Autoregulation, H_2O_2 86
– Cell Line, Thyroglobulin Production 91
– Function, Alcohol Exposure 267
– Hormones, Acromegaly 755
– – S14 Gene Expression 723
– – Insulin Action 327
– – Lipogenesis 395
– – in Carps, Seasonal Variations 727
– Human, Somatostatin Release 126
– in Chicken, TRH Sensitivity 484
– Peroxidase (TPO), Thyroid Autoregulation 86
– Pig, Calcitonin Secretion 264
– Secretion, Autonomous Adenoma 510
Thyroidal C-Cells, Cyclic AMP 261
– T_3/T_4 Ratio, Autonomous Adenoma 510
Thyroidectomy, Muscle Metabolism 620
Thyrotropin, Low Birth Weight Infants 758
– Peripheral Activity in Chicken 158
– Releasing Hormone, Peripheral Activity in Chicken 158
– Thyroglobulin Production 91
Thyroxine, Aerobic Oxydation of NADH 298
– Autoregulation of Conversion 110
– Compounds, Aerobic Oxydation of NADH 298
Thyroxine Conversion, Autoregulation 110
– Glucagon Infusion 513
– Homing Flight 271
– Low Birth Weight Infants 758
– Metabolism, Effect of Ethanol 218
Tissue Composition, Rats, Cafeteria Diet 208
Tolbutamide, Gastrin Release 641
Trachea, Cell Analysis 661
Transferrin, Endocrine States 506
TRH Administration, Domperidone 44
– – Iron-Deficiency 616
– Sensitivity, Cold Treatment 484
– -Stimulated TSH, Endorphins 687
Triacylglycerol Content, Gastric Mucosa, DM Type I 527
Triglycerides, Aging 734
– Cyproterone Acetate Treatment 765
– Medium and Long Chain, Muscular Ketone Extraction 502
Triiodothyronine, Autoregulation of Conversion 110
L-Triiodothyronine, Glucagon Infusion 513
Triiodothyronine, Homing Flight 271
– Muscle Metabolism 620
– Release, Anti-Allergic Drug 722
TSH, Acromegaly 755
– Effect, Autonomous Adenoma Slices 510
– Receptor Antibody (TRab), Hyperthyroidism 235
– Release, Endorphins 687
– – Iron Deficiency 616
– Response to TRH, Nodular Goitre 352
Tyrosine Kinase, Insulin-Like Growth Factor Receptors 436

U
Urea Synthesis, Salicylate 333

V
Vasoactive Intestinal Peptide (VIP) Opiate Modulation 352
Vascular Smooth Muscle, Glucose Oxydation 730
Verapamil, Experimental Diabetes 65
Vertebrates, Insulin-Related Material 411
Vitamin D_3, Islets of Langerhans 121
Vitamin D Metabolites, Calcium Antagonist 103

W
Weight Loss, Atrial Natriuretic Polypeptide 705
– Serum Lipids 734
Working Skeletal Muscle, Kinins 535

X
Xenotransplantation, Islets 537

Z
Zinc, Estradiol Treatment 597
– Urinary Excretion, Microalbuminuria in Diabetes 307
Zona Reticularis, Anorexia Nervosa 57